SUM ER COUNTY
ZONING AND ADJUSTMENT BOARD

910 N. Main Street, Suite 301 Bushnell, FL 33513
Tel. (352) 793-0270 Fax (352) 793-0274

Project No: S2010-0007
Application: 5/21/2010 KES

SUP

PROJECT TYPE	PROJECT SUBTYPE	PROJECT DESCRIPTION
SUP	MAJOR	MAJOR SPECIAL USE TO ALLOW A SPRAY FIELD

OWNER	ADDRESS	PHONE
5C LIMITED PARTNERSHIP OF	PO BOX 399 CENTER HILL, FL 33514	(352) 793-3671
AGENT/APPLICANT	**ADDRESS**	**PHONE**
Michael Huff		(813) 927-7346

PARCEL #	SEC/TWP/RNG	GENERAL	DIRECTIONS TO PROPERTY
Q21=005	212123	CENTER HILL	E ON C -48. CENTRAL PACKING COMPANY ON S SIDE OF RD.

Property Address
5713 E C-48, Center Hill, FL 33514

PARCEL SIZE	F.L.U.	LEGAL DESCRIPTION
60 ACRES MOL	IND	E1/2 OF SW1/4 OF NE1/4
PRESENT ZONING	**PRESENT USE**	
A5	CENTRAL BEEF & VACAN	Q21=021 S1/4 OF N2/3 OF NW1/4 OF SE1/4 Q21=035 N1/2 OF NW1/4 OF SE1/4 Q21=036 S1/3 OF NW1/4 OF SE1/4

REQUESTED USE	ACREAGE TO BE UTILIZED	LEGAL DESCRIPTION TO BE UTILIZED
MAJOR SPECIAL USE PERMIT TO ALLOW A SPRAY FIELD ON 47.50 ACRES MOL	47.50 ACRES MOL	S 490' OF E1/2 OF SW1/4 OF NE1/4 & N1/2 OF NW1/4 OF SE1/4 & S1/4 OF N2/3 OF NW1/4 OF SE1/4 & S1/3 OF NW1/4 OF SE1/4

ABUTTING PROPERTY	NORTH	EAST	SOUTH	WEST
ZONING/USE	A5/CITY SPRAY FIELD/C	CITY CENTRAL BEEF	A5-PASTURE	A5-PASTURE/SPRAY FIELD
F.L.U.	RUR RES/CITY	CITY	RUR RES	RUR RES

As owner/agent, I agree to post the hearing plaques within 24 hours on the property's road frontage at the corners and at 300' intervals between. I understand any action on my application will be governed by Sumter County's Comprehensive Plan and Development Code, and my payment of the non-refundable application fee will not influence the decision made on this application.

UNDER PENALTIES OF PERJURY, I DECLARE THE ABOVE INFORMATION THAT I HAVE GIVEN TO BE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Managing Partner — **Signature(s)**

May 21, 2010 — **Date**

A Public Hearing before the Zoning and Adjustment Board will be held on the date inidcated below in the Sumter County Courthouse, Bushnell, FL. This application will be heard at the time indicated below. Your appearance or representation at this hearing is required, and lack of same will cause your application to be disposed of according to the policy adopted by the Board of County Commissioners. The recommendation of the Zoning and Adjustment Board on this request will be presented to the Board of County Commissioners at a Public Hearing to be held at the date/time indicated below in the Sumter County Courthouse, Bushnell, FL, room number indicated below

Development Review Committee 6/14/2010 2:00 PM Room: 142 Recommendation:

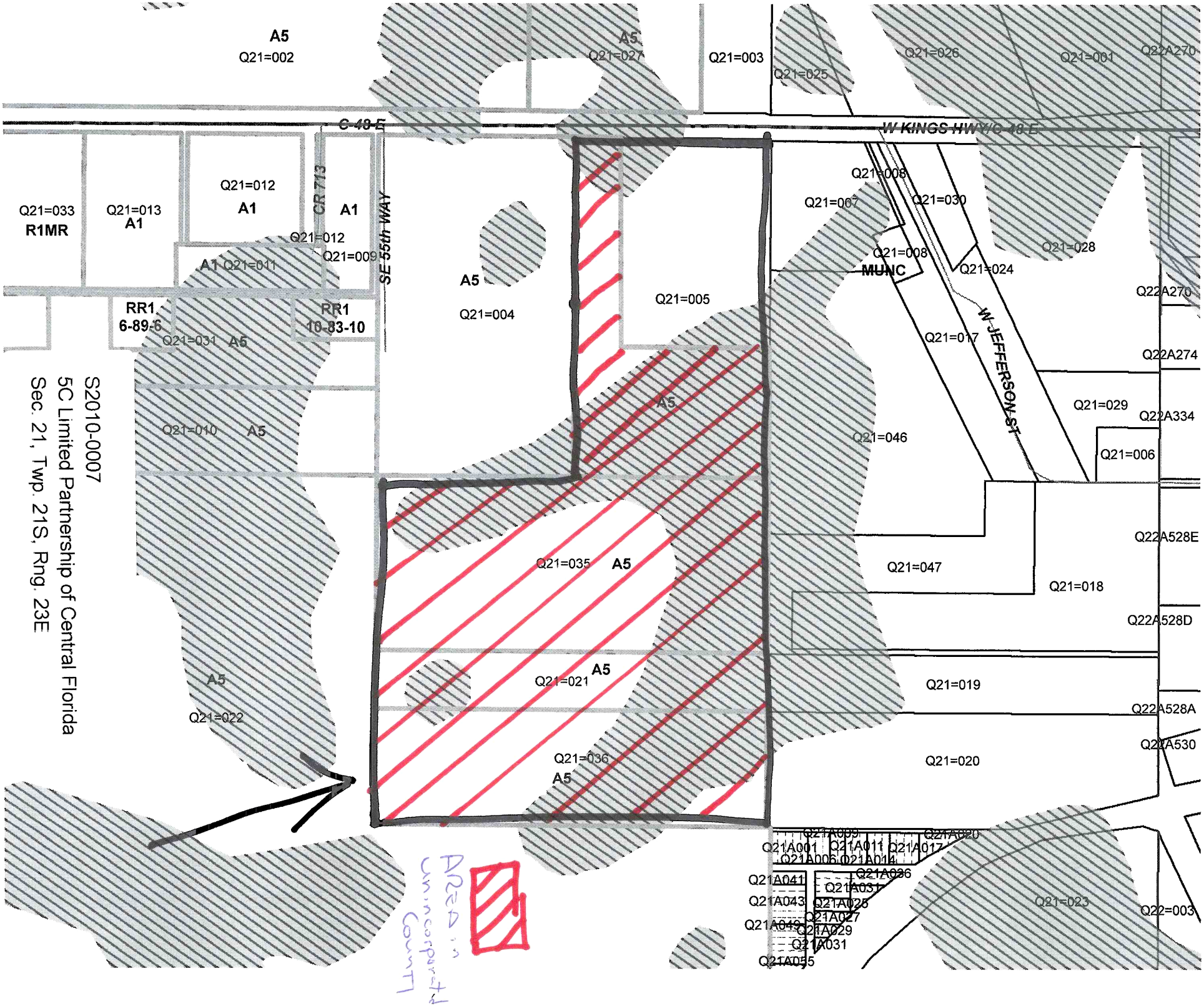
Zoning and Adjustment Board 7/19/2010 6:30 PM Room: Action:
510 Colony Blvd. The Villages Colony Cottage Rec. Center

County Commission Meeting 7/27/2010 5:30 PM Room: Action:
510 Colony Blvd The Villages Colony Cottage Rec. Center

NOTICES SENT	RECEIVED IN FAVOR	RECEIVED OBJECTING

Please Note: In preparation of the application, county zoning staff will visit the site to take photographs. This will be done in county-marked vehicles. Generally, staff will take photographs from the roadway or easement, and will not come on site unless access requires it.

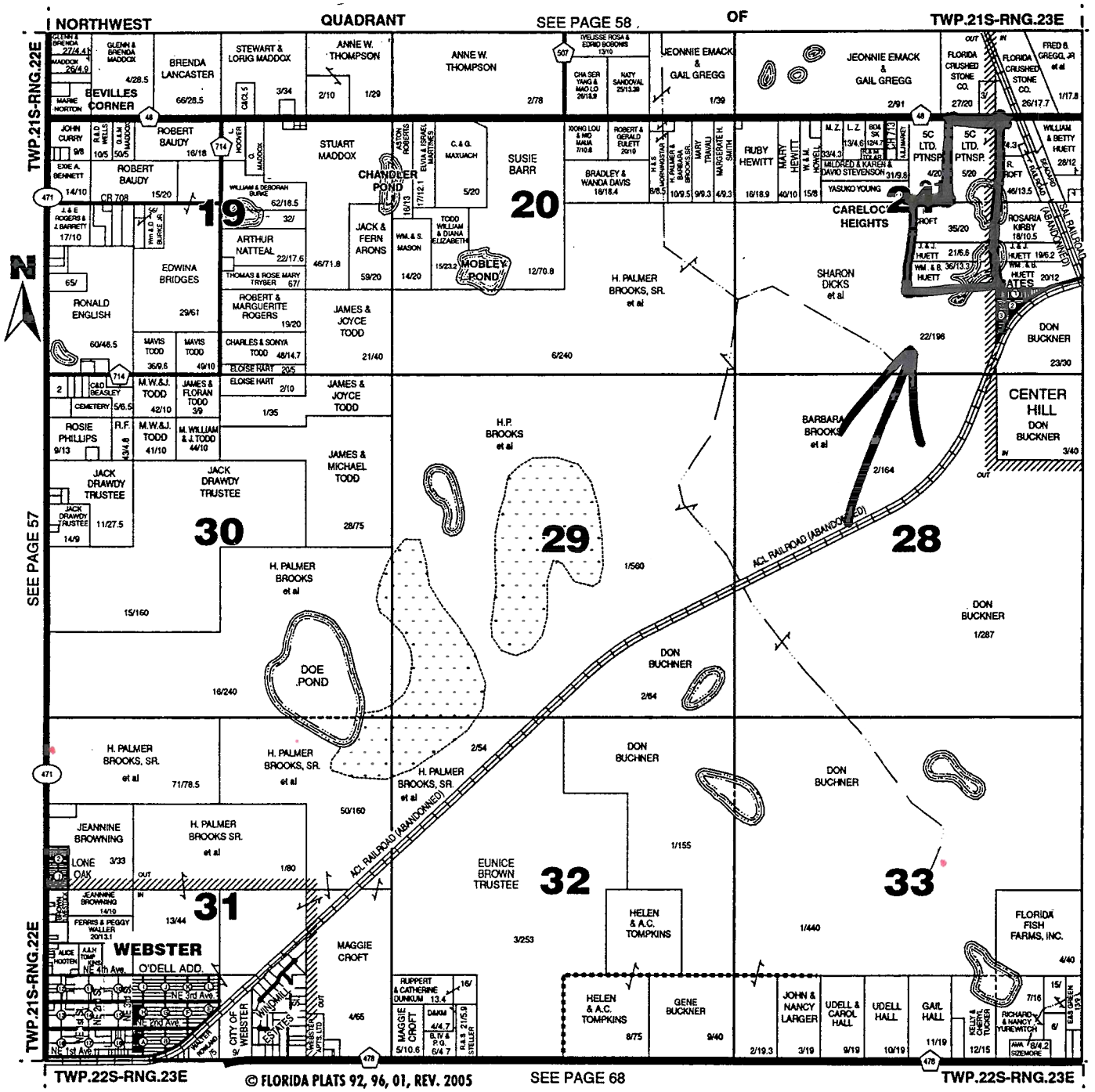
NOTARY PUBLIC STATE OF FLORIDA
FAITH JONES
MY COMMISSION # DD 858939
EXPIRES: March 8, 2013
Bonded Thru Budget Notary Services


S2010-0007
5C Limited Partnership of Central Florida
Sec. 21, Twp. 21S, Rng. 23E
A5
Q21=002
Q21=027
Q21=003
Q21=025
Q21=026
Q21=001
Q22A270
C 48 E
W KINGS HWY/C 48 E
Q21=033
R1MR
Q21=013
A1
Q21=012
A1
CR 713
A1
Q21=012
Q21=009
A1 Q21=011
SE 55th WAY
A5
Q21=004
Q21=005
Q21=008
Q21=007
Q21=030
Q21=008
MUNC
Q21=024
Q21=028
Q22A270
RR1
6-89-6
RR1
10-83-10
Q21=031
A5
Q21=017
W JEFFERSON ST
Q22A274
Q21=029
Q22A334
Q21=010
A5
A5
Q21=046
Q21=006
Q22A528E
Q21=035
A5
Q21=047
Q21=018
Q22A528D
A5
Q21=021
A5
Q21=019
Q22A528A
Q21=022
Q22A530
Q21=036
A5
Q21=020
Q21A009
Q21A020
Q21A001
Q21A011
Q21A017
Q21A006
Q21A014
Q21A041
Q21A036
Q21A031
Q21A043
Q21A026
Q21A027
Q21A045
Q21A029
Q21A031
Q21A055
Q21=023
Q22=003
AREA in Unincorporated County

TWP.21S-RNG.23E

SOUTHWEST QUADRANT
SUMTER COUNTY, FLORIDA

0 SCALE OF MILES 1/2 1
0 660 1320 1980 2640 SCALE OF FEET 5280



S2010-0007
5C Limited Partnership of Central Florida
Sec 21, Twp. 21S, Rng. 23E

SUMTER COUNTY ZONING AND ADJUSTMENT BOARD
July 19, 2010

BOARD OF COUNTY COMMISSIONERS
July 27, 2010

CASE NO.	S2010-0007
APPLICANT:	5C Limited Partnership of Central Florida
REPRESENTATIVE:	Michael Huff
REQUESTED ACTION:	Major Special Use for Wastewater Spray Field
LEGAL DESCRIPTION (Utilized):	Section 21, Township 21S, Range 23E – S 490' of E ½ of SW ¼ of NE ¼ and N ½ of NW ¼ of SE ¼ and S ¼ of N 2/3 of NW ¼ of SE ¼ ad S 1/3 of NW ¼ of SE ¼.
EXISTING ZONING:	A5
FUTURE LAND USE:	Agricultural
EXISTING USE:	Vacant/Animal Processing
PARCEL SIZE (Utilized):	47 50 acres
GENERAL LOCATION:	Center Hill
COMMISSIONER'S DISTRICT:	Randy Mask

CASE SUMMARY:

The request is to permit the expansion of a wastewater spray field for a private wastewater treatment disposal system operated for the Central Beef Industries packing house on C-48 in Center Hill The subject property considered for the total expansion of the spray field is partly located within the city limits of the City of Center Hill and within an unincorporated area. This special use only applies to the portion of the spray field within the unincorporated area. The portion of the spray field within the city limits of the City of Center Hill is under the jurisdiction of the City

CASE ANALYSIS:

The proposed use is allowable as a special use under Section 5 73 and 5 78 of Table 13-362A of the Sumter County Land Development Code

The following provides a review of the requested special use's consistency with the criteria in Section 13-143, criteria for the approval of special uses, of the Sumter County Land Development Code

- The use must not be detrimental to the neighborhood environment and must not unduly infringe on the rights of property owners in the vicinity of the use

Central Beef Industries is the largest producer of beef products in Florida Currently, central sewer services are not available to the facility Consequently. Central Beef operates a private industrial wastewater treatment and disposal system (IWTDS) The IWTDS treats and disposes of wastewater generated by the processing of the beef products as well as domestic wastewater from the facility

In order to improve the existing IWTDS, Central Beef is expanding the effluent (liquid by-product of treatment process) disposal system The effluent disposal system is a system of sprinklers that spray the effluent on the ground. These spray fields are a common way to dispose of the effluent The effluent that is sprayed onto the ground is treated through the industrial wastewater treatment process

The operation of the IWTDS and its associated spray field are permitted by the Florida Department of Environmental Protection (FDEP). The Central Beef IWTDS and its associated spray field received its permit from FDEP in February 2010 (Permit #FLA013532). A copy of the FDEP permit is attached. The FDEP permit provides an exhaustive list of operating conditions for the spray field expansion These conditions are intended to assure that operation of the spray field does not result in negative impacts to environmental resources (i.e. groundwater) or to surrounding properties.

Due to the exhaustive list of permit conditions imposed by FDEP, staff finds that the operation of the expanded spray field, consistent with conditions of the FDEP permit (#FLA013532), should not result in a significant and adverse impact to environmental resources or to surrounding properties

- A vehicular parking or traffic problem must not be created, and the vehicle average daily traffic created on local roads must not be increased by more than five (5) percent

  The expansion of the IWTDS spray field does not generate any additional traffic.

- If found necessary and effective, the site upon which the use is located shall have screening and buffering sufficient to minimize interference with the enjoyment of surrounding properties.

  The site plan for the expanded spray field provides a 50 foot buffer from the property line The spray heads have a maximum spray radius of 137 5 feet with the closest spray head to the property line at 187.5 feet. In addition, the spray field will operate only five (5) of the 24 spray heads at one time and only during the day shift of the Central Beef facility

The special use was reviewed by the Sumter County Development Review Committee (DRC) on July 12, 2010 The DRC recommended approval of the special use subject to compliance with the permit conditions of the FDEP permit and consistency with conditions imposed by the City of Center Hill

DIVISION OF PLANNING & DEVELOPMENT STAFF CONCLUSIONS:

Staff deemed the application sufficient and in compliance with the minimum requirements of the Sumter County Land Development Code and Comprehensive Plan and recommends approval subject to the following conditions:

1 Operation of the spray field shall be in full compliance with the conditions of FDEP Permit #FLA013532 and any other applicable agency permits;

2 A 50' buffer shall be maintained as shown on the plans for the spray field dated 2/23/10 submitted as part of the record for the project,

3 No more than five (5) spray heads shall operate at one time; and

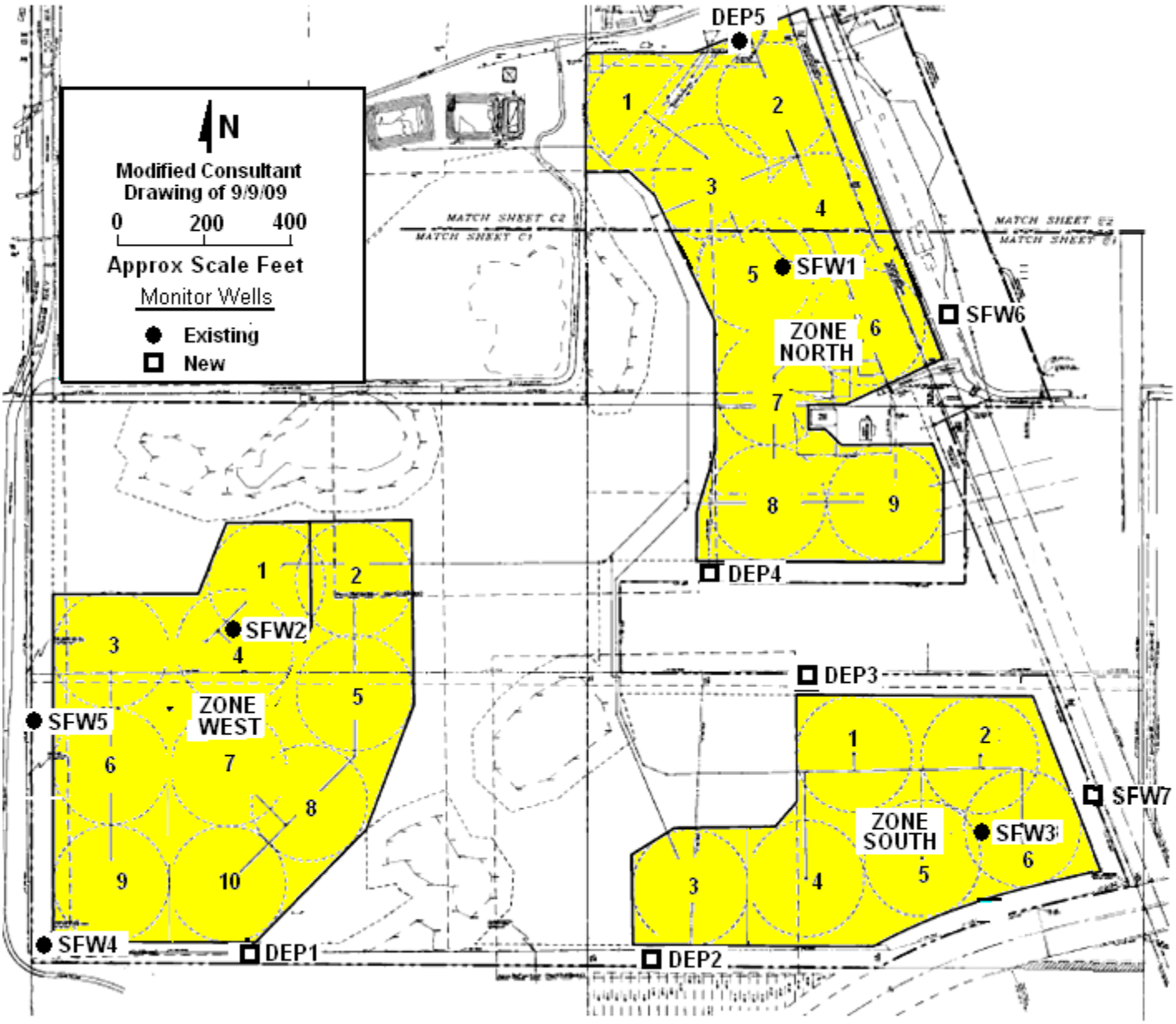
4 Operation of the spray field shall be limited to only the day shift of the Central Beef facility

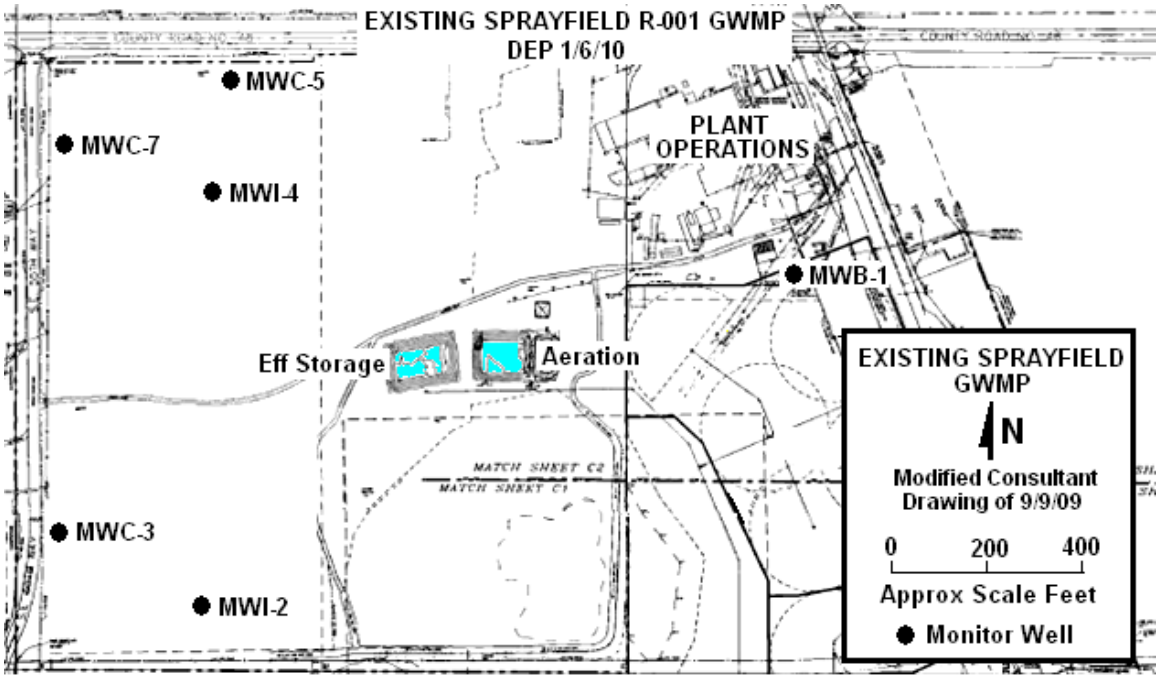
Notices Sent: 5 (In objection) 1 (In favor) 0

Zoning & Adjustment Board Recommendation:

Board of County Commissioners:

NEW 41 ACRE SPRAYFIELD R-002 GWMP
DEP1/20/10




EXISTING SPRAYFIELD R-001 GWMP
DEP 1/6/10
MWC-5
MWC-7
MWI-4
PLANT
OPERATIONS
MWB-1
Eff Storage
Aeration
MATCH SHEET C2
MATCH SHEET C1
MWC-3
MWI-2
EXISTING SPRAYFIELD
GWMP
N
Modified Consultant
Drawing of 9/9/09
0
200
400
Approx Scale Feet
Monitor Well

Florida Department of
Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

STATE OF FLORIDA
INDUSTRIAL WASTEWATER FACILITY PERMIT

PERMITTEE:

Central Beef Industries, L.L.C.
P.O. Box 399
Center Hill, FL 33514

PERMIT NUMBER: FLA013532
PA FILE NUMBER: FLA013532-006-IW8C
ISSUANCE DATE: February 5, 2010
EXPIRATION DATE: February 4, 2015

RESPONSIBLE AUTHORITY:

Mr. Marshall Chernin
Partner / General Manager

FACILITY:

Central Beef Industries, L.L.C.

571 West Kings Highway
Center Hill, FL 33514
Sumter County

Latitude: 28° 38' 59.23" N Longitude: 82° 0' 32.28" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and applicable rules of the Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to (operate or construct) the facilities in accordance with the documents attached hereto and specifically described as follows:

This is a cattle slaughtering and meat packing plant that generates wastewater consisting of the wash down from stock holding pens, a killing floor, and other meat processing areas including the packing and loading areas. Boiler blow down, equipment rinse water, and employee-generated sanitary wastewater are also combined with the wastewater from the meat processing plant for treatment and disposal.

WASTEWATER TREATMENT:

The wastewater treatment system has a permitted capacity of 0.120 MGD maximum daily flow. The holding pen wastewater is screened and combined with stomach contents (paunch) and passed through a self-cleaning screen before being discharged to a pump station where it is combined with the wastewater from the other operations and screened again by a rotary (0.48 mm) screen. The screened wastewater is routed to a wastewater treatment plant consisting of a 0.0766 MG lined pond for flow equalization with coarse bubble diffusers, a 100 gpm circular Dissolved Air Flotation (DAF No. 1) tank for solids removal, a 0.313 MG lined lagoon with floating aerators, a

second 100 gpm circular DAF (DAF No.2), and a lined effluent storage/polishing pond of .425 MG. The system is designed as a flow through process. The effluent is chlorinated prior to transfer to the polishing pond. Disinfected effluent is then pumped to a spray irrigation field for final disposal. The facility has seven 8,700 gallon tanks plumbed in series prior to the above mentioned treatment system on standby for pre-aeration if needed. The screened solids along with the bones and other animal remains are transported to a rendering plant or properly disposed off-site. Waste sludge is transferred from the DAFs and stored in a 10,000 gallon steel tank prior to disposal in accordance with Section II of this permit. Spent brine from the hide treatment process is not authorized for discharge to the wastewater treatment system or spray field.

EFFLUENT DISPOSAL:

Land Application:

An existing land application system (R-001) consisting of a 10-acre spray irrigation field. Land application system R-001 is located approximately at latitude 28° 59' 55" N, longitude 82° 01' 02" W.

Construction of a new land application system (R-002) consisting of a 41-acre spray irrigation field. Land application system R-002 is located approximately at latitude 28° 38' 45" N, longitude 82° 36' 35" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions as set forth in Part I through Part VIII on pages 3 through 21 of this permit.

I. Effluent Limitations and Monitoring Requirements

A. Surface Water Discharges

1. This section is not applicable to this facility.

B. Underground Injection Control Systems

1. This section is not applicable to this facility.

C. Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge treated industrial wastewater to Land Application System R-001, a spray irrigation field. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.E.1.:

	Discharge Limitations			Monitoring Requirements		
Parameters (units)	**Monthly Average**	**Daily Maximum**	**Daily Minimum**	**Monitoring Frequency**	**Sample Type**	**Sample Point**
Flow (MGD)	0.040	Report	--	Continuous	Meter	LAL-1
Flow (MGD)	Annual Average Report			Continuous	Meter	LAL-1
BOD, Carbonaceous 5 day, 20C (LBS/Acre/Month)	Report (monthly total) See Condition I.C.5	-	--	Monthly	8-hour FPC	LAL-1
BOD, Carbonaceous 5 day, 20C (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Total (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Total (LBS/Acre/Month)	Report (monthly total) See Condition I.C.5	-	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Total (LBS/ACRE/Year)	Report* (Annual Total)			Monthly	Calculated	LAL-1
Nitrogen, Total (LBS/ACRE/Year)	160* (Annual Total) See Condition I.C.5			Monthly	Calculated	LAL-1
Nitrogen, Organic, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Ammonia, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Nitrate, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Nitrite, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1

	Discharge Limitations			Monitoring Requirements		
Parameters (units)	**Monthly Average**	**Daily Maximum**	**Daily Minimum**	**Monitoring Frequency**	**Sample Type**	**Sample Point**
Phosphorus, Total (as P) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Phosphorus, Total (as P) (LBS/Acre/Month)	Report (monthly total) See Condition I.C.5	-	--	Monthly	8-hour FPC	LAL-1
Solids, Total Suspended (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
pH (SU)	--	Report	Report	Monthly	Instantaneous	LAL-1
Solids, Total Dissolved (TDS) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Chloride (as Cl) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Sodium, Total Recoverable (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Selenium, Total Recoverable (UG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Coliform, Fecal (#/100ML)	--	Report	--	Monthly	Grab	LAL-1
Chlorine, Total Residual (MG/L)	--	--	0.5	Monthly	Instantaneous	LAL-1

* The Limit for Total Nitrogen, 160 LBS/ACRE/YEAR, shall become effective starting the calendar year 2011.

2. During the period beginning upon placing the system into operation and lasting through the expiration date of this permit, the permittee is authorized to discharge treated industrial wastewater to Land Application System R-002, a 41-acre spray irrigation field. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.E.1.:

	Discharge Limitations			Monitoring Requirements		
Parameters (units)	**Monthly Average**	**Daily Maximum**	**Daily Minimum**	**Monitoring Frequency**	**Sample Type**	**Sample Point**
Flow (MGD)	Report	Report	--	Continuous	Meter	LAL-1
Flow (MGD)	Annual Average Report			Continuous	Meter	LAL-1
BOD, Carbonaceous 5 day, 20C (LBS/Acre/Month)	Report (monthly total) See Condition I.C.5	-	--	Monthly	8-hour FPC	LAL-1
BOD, Carbonaceous 5 day, 20C (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1

	Discharge Limitations			Monitoring Requirements		
Parameters (units)	**Monthly Average**	**Daily Maximum**	**Daily Minimum**	**Monitoring Frequency**	**Sample Type**	**Sample Point**
Nitrogen, Total (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Total (LBS/Acre/Month)	Report (monthly total) See Condition I.C.5	-	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Total (LBS/ACRE/YEAR)	160* (Annual Total) See Condition I.C.5			Monthly	Calculated	LAL-1
Nitrogen, Organic, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Ammonia, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Nitrate, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Nitrogen, Nitrite, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Phosphorus, Total (as P) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Phosphorus, Total (as P) (LBS Acre/Month)	Report (monthly total) See Condition I.C.5	-	--	Monthly	8-hour FPC	LAL-1
Solids, Total Suspended (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
pH (SU)	--	Report	Report	Monthly	Instantaneous	LAL-1
Solids, Total Dissolved (TDS) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Chloride (as Cl) (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Sodium, Total Recoverable (MG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Selenium, Total Recoverable (UG/L)	--	Report	--	Monthly	8-hour FPC	LAL-1
Coliform, Fecal (#/100ML)	--	Report	--	Monthly	Grab	LAL-1
Chlorine, Total Residual (MG/L)	--	--	0.5	Monthly	Instantaneous	LAL-1

3. During the period beginning on the issuance date and lasting through the expiration date of this permit, , the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.E.1

	Discharge Limitations	Monitoring Requirements

Parameters (units)	Monthly Average	Daily Maximum	Daily Minimum	Monitoring Frequency	Sample Type	Sample Point
Flow (MGD)	Report	0.120	--	Continuous	Meter	INF-1
BOD, Carbonaceous 5 day, 20C (MG/L)	--	Report	--	Monthly	8-hour FPC	INF-1
Solids, Total Dissolved (TDS) (MG/L)	--	Report	--	Monthly	8-hour FPC	INF-1
Nitrogen, Total (MG/L)	--	Report	--	Monthly	8-hour FPC	INF-1
Nitrogen, Organic, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	INF-1
Nitrogen, Ammonia, Total (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	INF-1
Nitrite plus Nitrate, Total 1 det. (as N) (MG/L)	--	Report	--	Monthly	8-hour FPC	INF-1
Phosphorus, Total (as P) (MG/L)	--	Report	--	Monthly	8-hour FPC	INF-1
Chloride (as Cl) (MG/L)	--	Report	--	Monthly	8-hour FPC	INF-1
Sodium, Total Recoverable (MG/L)	--	Report	--	Monthly	8-hour FPC	INF-1
Rainfall (inches)	Monthly Total	Report	-	Daily	Rain Gauge	OTH-1

4. Effluent samples shall be taken at the monitoring site locations listed in permit condition I.C.1, 2 & 3 and as described below:

Sample Point	Description of Monitoring Location
LAL-1	Effluent from the polishing/storage pond prior to spray irrigation on R-001 or R-002.
INF-1	Influent to the treatment system after screening and prior to the 0.076 MG flow equalization pond
OTH-1	Rain gauge located at the waste water treatment facility

5. The annual loading is calculated by adding the monthly mass loading for each month in the calendar year (i.e., January 1 through December 31). The monthly mass loading (expressed in lbs) is calculated using the following equation:

Monthly Loading (lbs/ Month/ Acre)	=	Arithmetic average total parameter concentration (mg/l) for all effluent monitoring samples collected in the month	X	Total volume of effluent discharged during the month (MG)	X	8.34	÷	# of acres R-001 = 10 acres R-002 = 41 acres

D. Other Methods of Disposal or Recycling

1. There shall be no discharge of industrial wastewater from this facility to ground or surface waters, except as authorized by this permit.

E. Other Limitations and Monitoring and Reporting Requirements

1. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Southwest District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

REPORT Type on DMR	Monitoring Period	DMR Due Date
Monthly or Toxicity	first day of month – last day of month	28th day of following month
Quarterly	January 1 - March 31 April 1 – June 30 July 1 – September 30 October 1 – December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 – June 30 July 1 – December 31	July 28 January 28
Annual	January 1 – December 31	January 28

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the addresses specified below:

Originals to:

Florida Department of Environmental Protection
Wastewater Compliance Evaluation Section,
Mail Station 3551
Bob Martinez Center 2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Copies to:

Florida Department of Environmental Protection
Southwest District
Wastewater Compliance Section
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

2. Unless specified otherwise in this permit, all reports and notifications required by this permit, including twenty-four hour notifications, shall be submitted to or reported to the Southwest District Office at the address specified below:

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

Phone Number - (813) 632-7600
FAX Number - (813) 632-7662 (All FAX copies shall be followed by original copies.)

3. All reports and other information shall be signed in accordance with requirements of Rule 62-620.305, F.A.C.

4. The permittee shall provide safe access points for obtaining representative samples which are required by this permit.

5. If there is no discharge from the facility on a day scheduled for sampling, the sample shall be collected on the day of the next discharge.

6. Any bypass of the treatment facility which is not included in the monitoring specified in sections I.A, I.B, I.C, or I.D, is to be monitored for flow and all other required parameters. For parameters other than flow, at least one grab sample per day shall be monitored. Daily flow shall be monitored or estimated, as appropriate, to obtain reportable data. All monitoring results shall be reported on the appropriate DMR.

II. Industrial Sludge Management Requirements

A. Basic Management Requirements

1. Management of sludge generated by the treatment of industrial wastewater at this facility is transport and disposal in a Class I solid waste landfill.

2. The permittee shall be responsible for proper treatment, management, use or land application of its sludge.

3. Disposal of sludge in a solid waste management facility permitted by the Department shall be in accordance with the requirements of Chapter 62-701, F.A.C. Storage, transportation, and disposal of sludge/solids characterized as hazardous waste shall be in compliance with requirements of Chapter 62-730, F.A.C.

4. The permittee shall keep records of the amount of sludge disposed, transported, or incinerated in wet tons/load. If a person other than the permittee is responsible for sludge transporting, disposal, or incineration, the permittee shall also keep the following records:

   a. name, address and telephone number of any transporter, and any manifests or bill of lading used;
   b. name and location of the site of disposal, treatment or incineration;
   c. name, address, and telephone number of the entity responsible for the disposal, treatment, or incineration site.

III. Ground Water Monitoring Requirements

A. Construction Requirements

1. The location of the new monitoring wells and piezometers in conditions III.B.5 and IV.7 respectively, shall be field located jointly by the permittee and Department staff.

2. The permittee shall give at least 72-hours notice to the Department's Southwest District Office, prior to the installation of any monitoring wells detailed in this permit. *[62-520.600(6)(h), FAC]*

3. Prior to construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location in order to establish the well depth and screen interval. *[62-520.600(6)(g), FAC]*

4. Prior to the application of effluent to the sprayfield, R-002, the permittee shall install and sample all ground water monitoring wells in condition III.B.5 for the Primary and Secondary Drinking Water parameters included in Chapter 62-550, Florida Administrative Code, Public Drinking Water Systems (excluding asbestos, acrylamide dioxin, butachlor and epichlorohydrin). *[62-520.600(5)(a)(2), FAC]*

5. The QUARTERLY sampling and analysis of all new ground water monitoring wells shall begin upon proper completion of the GWMP well system in accordance with condition III.B.4. The wells shall be sampled for the parameters identified in Permit Condition III.B.6 and in accordance to the Department's "Standard Operating Procedures For Laboratory Operations and Sample Collection Activities," DEP-SOP-001/01, FS 2200 Ground water Sampling, December 3, 2008. *[62-520.600(11)(b), FAC]*

6. Within thirty days after completion of construction of the ground water monitoring wells, a properly scaled figure depicting monitor well and piezometer locations (active and abandoned) with identification numbers shall be submitted. The figure shall also include (or attached) the monitoring well/piezometer, top of casing and ground surface elevations referenced to National Geodetic Vertical Datum (NGVD) to the nearest 0.1 foot, along with monitor well location latitude and longitude to the nearest 0.1 second. *[62-520.600(6)(i), FAC]*

7. Within thirty days after completion of construction of the ground water monitoring wells, well completion reports shall be sent to the Industrial Wastewater Section, FDEP Southwest District Office. The information is to be submitted on the attached form for each well, DEP Form 62-520.900(3), Monitor Well Completion Report. *[62-520.600(6)(j), FAC]*

8. In Districts where applicable, within 30 days of completion of construction of new ground water monitor wells, the Department requests that the permittee submit the following information for each monitor well :
   a. A copy of the Florida Water Management District (WMD) , State of Florida Permit Application to Construct, Repair, Modify or Abandon a Well, Form 41.10-410(1), and

   b. A copy of the WMD Well Completion Report, Form 41.10-410(2), 62-610.412(2)(b)

B. Operational Requirements

1. If R-001 is in operation after one year from issuance date of this permit the permittee shall commence sampling ground water at the monitoring wells identified in Permit Condition III.B.2 below, for R-001, in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C.

2. The following monitoring wells shall be sampled for Land Application System R-001: (See Attachment titled "Existing Sprayfield R-001 GWMP", dated 1/6/10)

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWB-1*	See Attachment "Existing Sprayfield R-001 GWMP" dated 1/6/10	40	Upper Floridan	Existing
MWI-2		40	Upper Floridan	Existing
MWI-4		40	Upper Floridan	Existing
MWC-3		40	Upper Floridan	Existing
MWC-5		40	Upper Floridan	Existing
MWC-7		40	Upper Floridan	Existing

MWB = Background; MWI = Intermediate; MWC = Compliance; MWP = Piezometer
*MWB-1 will be re-designated as MWI-DEP5 upon application of effluent to Zone 5 on the new 41 acre sprayfield (see Condition III.B.5).

3. The monitor wells specified in Condition III.B.2 shall be sampled for the parameters listed below:

Parameter Name	Compliance Well Limit	Units	Sample Type	Monitoring Frequency

Parameter Name	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	FEET	In-situ	Monthly
pH*	Report	SU	In-situ	Quarterly
Turbidity*	Report	NTU	In-situ	Quarterly
Specific Conductance*	Report	UMHO/ CM	In-situ	Quarterly
Temperature (C), Water*	Report	DEG.C	In-situ	Quarterly
Dissolved Oxygen*	Report	MG/L	In-situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	MG/L	Grab	Quarterly
Coliform, Fecal	4	#/100ML	Grab	Quarterly
Nitrogen, Ammonia, Total (as N)	Report	MG/L	Grab	Quarterly
Nitrogen, Organic, Total (as N)	Report	MG/L	Grab	Quarterly
Sodium, Total Recoverable	160	MG/L	Grab	Quarterly
Sulfate, Total	Report	MG/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	Report	MG/L	Grab	Quarterly
Chloride (as Cl)	Report	MG/L	Grab	Quarterly
Selenium, Total Recoverable	0.05	MG/L	Grab	Quarterly

* The field parameters shall be sampled per DEP–SOP-001/01, FS 2200 Groundwater Sampling, Figure FS 2200-2 Groundwater Purging Procedure and recorded on Form FD 9000-24, Groundwater Sampling Log (both documents attached to this permit). The sampling logs shall be submitted with each groundwater Part D DMR. The field parameters to be reported on Part D of GW DMR shall be the last sample recorded on FD 9000-24.

4. Upon placing the 41-acre spray irrigation field, R-002, into operation, the permittee shall begin sampling ground water at the monitoring wells identified in Permit Condition III.B.5 below in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. *[62-520.600]*

5. The following monitoring wells shall be sampled for Land Application System R-002: (See Attachment titled "New 41Acre Sprayfield R-002 GWMP", dated 1/20/10)

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWI-DEP5*	See Attachment "New 41 Acre Sprayfield R-002 GWMP", dated 1/20/10		Upper Floridan	Existing
MWI-SFW1			Upper Floridan	Existing**
MWI-SFW2			Upper Floridan	Existing**
MWI-SFW3			Upper Floridan	Existing**
MWC-SFW4			Upper Floridan	Existing**
MWC-SFW5			Upper Floridan	Existing**
MWC-SFW7			Upper Floridan	New
MWC-SFW6			Upper Floridan	New
MWC-DEP1			Upper Floridan	New
MWC-DEP2			Upper Floridan	New
MWC-DEP3			Upper Floridan	New

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWC-DEP4			Upper Floridan	New

MWB = Background; MWI = Intermediate; MWC = Compliance; MWP = Piezometer
*MWI-DEP5 was formerly MWB-1 for the existing 10 acre sprayfield, R-001 (See condition III.B.2).
**These wells are existing and were drilled to obtain site specific hydrological data.

6. The monitor wells specified in Condition III.B.5 shall be sampled for the parameters listed below:

Parameter Name	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	FEET	In-situ	Monthly
pH*	6.5 - 8.5	SU	In-situ	Quarterly
Turbidity*	Report	NTU	In-situ	Quarterly
Specific Conductance*	Report	UMHO/ CM	In-situ	Quarterly
Temperature (C), Water*	Report	DEG.C	In-situ	Quarterly
Dissolved Oxygen*	Report	MG/L	In-situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	MG/L	Grab	Quarterly
Coliform, Fecal	4	#/100ML	Grab	Quarterly
Nitrogen, Ammonia, Total (as N)	Report	MG/L	Grab	Quarterly
Nitrogen, Organic, Total (as N)	Report	MG/L	Grab	Quarterly
Sodium, Total Recoverable	160	MG/L	Grab	Quarterly
Sulfate, Total	250	MG/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	MG/L	Grab	Quarterly
Chloride (as Cl)	250	MG/L	Grab	Quarterly
Selenium, Total Recoverable	0.05	MG/L	Grab	Quarterly

* The field parameters shall be sampled per DEP–SOP-001/01, FS 2200 Groundwater Sampling, Figure FS 2200-2 Groundwater Purging Procedure and recorded on Form FD 9000-24, Groundwater Sampling Log (both documents attached to this permit). The sampling logs shall be submitted with each groundwater Part D DMR. The field parameters to be reported on Part D of GW DMR shall be the last sample recorded on FD 9000-24.

7. For the land application system for R-001 and R-002, all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally along the ground surface 100 feet from the edge of the pollution source or to the permittee's property boundary, whichever is less, and vertically to the upper Floridan aquifer.

8. The permittee's discharge to ground water shall not cause a violation of water quality standards for ground waters at the boundary of the zone of discharge in accordance with Rules 62-520.400 and 62-520.420, F.A.C.

9. The permittee's discharge to ground water shall not cause a violation of the minimum criteria for ground water specified in Rule 62-520.400, F.A.C., within the zone of discharge.

10. If the concentration for any constituent listed in Permit Condition III.B.3 or III.B.6 in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative background quality shall be the prevailing standard. Background ground water quality for R-002, the new 41 acre sprayfield, shall be established from the water quality analysis required by condition III.A.4.

11. Water levels shall be recorded prior to evacuating the well for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NGVD allowable) at a precision of plus or minus 0.1 feet.

12. Ground water monitoring wells shall be purged prior to sampling to obtain a representative sample.

13. Analyses shall be conducted on un-filtered samples, unless filtered samples have been approved by the Department as being more representative of ground water conditions.

14. If a monitoring well becomes damaged or cannot be sampled for some reason, the permittee shall notify the Department immediately and a written report shall follow within seven days detailing the circumstances and remedial measures taken or proposed. Repair or replacement of monitoring wells shall be approved in advance by the Department.

15. All piezometers and monitoring wells not part of the approved ground water monitoring plan are to be plugged and abandoned in accordance with Rule 62-532.500(4), F.A.C., unless there is intent for their future use.

16. Ground water monitoring test results shall be submitted on Part D of DEP Form 62-620.910(10) (attached) and shall be submitted to the address specified in I.E.3. Results shall be submitted with the DMR for each month listed in the following schedule.

SAMPLE PERIOD	REPORT DUE DATE
January - March	April 28
April - June	July 28
July - September	October 28
October - December	January 28

IV. Other Land Application Requirements

1. Effluent shall be distributed evenly over the entire land application site.

2. The permittee shall ensure that neither ponding nor run-off from the land application site occurs as a result of the spray irrigation of effluent.

3. The frequency and rate of land application shall be managed by the permittee to avoid secondary environmental impacts such as severe odors, insect and pest problems and other nuisance conditions.

4. Appropriate warning signs shall be posted around the site boundaries to designate the nature of the project area.

5. Storage ponds shall be enclosed with a fence or provided with appropriate features to discourage the entry of animals and unauthorized persons.

6. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required.

7. The following piezometers shall be monitored for water level elevations only for Land Application system R-002:

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	**Depth (Feet)**	**New or Existing**
MWP-1N	North Zone See Attachment "New 41 Acre Sprayfield R-002 GWMP", dated 1/20/10	6	New
MWP-2N		6	New
MWP-3N		6	New
MWP-4N		6	New
MWP-5N		6	New
MWP-6N		6	New
MWP-7N		6	New
MWP-8N		6	New
MWP-9N		6	New

Monitoring Well ID	**Alternate Well Name and/or Description of Monitoring Location**	**Depth (Feet)**	**New or Existing**
MWP-1S	South Zone See Attachment "New 41 Acre Sprayfield R-002 GWMP", dated 1/20/10	6	New
MWP-2S		6	New
MWP-3S		6	New
MWP-4S		6	New
MWP-5S		6	New
MWP-6S		6	New

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	**Depth (Feet)**	**New or Existing**
MWP-1W	West Zone See Attachment "New 41 Acre Sprayfield R-002 GWMP", dated 1/20/10	6	New
MWP-2W		6	New
MWP-3W		6	New
MWP-4W		6	New
MWP-5W		6	New
MWP-6W		6	New
MWP-7W		6	New
MWP-8W		6	New
MWP-9W		6	New
MWP-10W		6	New

8. Water elevations shall be monitored weekly and reported on the Part B DMR provided with this permit.

9. The facility shall cease irrigation of effluent from any sprayhead for spray irrigation field R-002 when the corresponding piezometer reaches a water level elevation of 6 inches below land surface. Irrigation to that sprayhead shall not commence until the water level elevation is greater than 6 inches below land surface.

V. Operation and Maintenance Requirements

A. Treatment and Disposal Facilities

1. The permittee shall ensure that the operation of this facility is as described in the application and supporting documents.

2. The operation of the pollution control facilities described in this permit shall be under the supervision of a person who is qualified by formal training and/or practical experience in the field of water pollution control.

B. Record keeping Requirements:

1. The permittee shall maintain the following records on the site of the permitted facility and make them available for inspection:

   a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

   b. Copies of all reports, other than those required in items a. and f. of this section, required by the permit for at least three years from the date the report was prepared, unless otherwise specified by Department rule;

   c. Records of all data, including reports and documents used to complete the application for the permit for at least three years from the date the application was filed, unless otherwise specified by Department rule;

   d. A copy of the current permit;

   e. A copy of any required record drawings;

   f. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date on the logs or schedule.

VI. Schedules

1. The following corrective actions shall be completed in accordance with the following schedule:

Corrective Action		Scheduled Completion Date
1	Update pollution prevention plan for the new spray field and treatment system.	As needed
2	The permittee in conjunction with Department staff shall field locate all new monitoring wells and piezometers. Please contact the Department to coordinate.	Prior to drilling any new wells or piezometers
3	Install all new monitoring wells and piezometers.	Prior to placing the 41 acre sprayfield, R-002, into service.

2. A Best Management Practices (BMP) Plan shall be prepared and implemented in accordance with Part VII of this permit and the following schedule:

Action Item		Scheduled Completion Date
1	Continue Implementing Existing BMP Plan	Issuance Date of Permit

3. The permittee shall achieve compliance with the other conditions of this permit as follows:

   Operational level attained Issuance Date of permit

4. No later than 14 calendar days following a date identified in the above schedule(s) of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by an identified date, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

VII. Other Specific Conditions

A. Specific Conditions Applicable to All Permits

1. Drawings, plans, documents or specifications submitted by the permittee, not attached hereto, but retained on file at the Southwest District Office, are made a part hereof.

2. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) F.S., applicable portions of reports to be submitted under this permit, shall be signed and sealed by the professional(s) who prepared them.

3. This permit satisfies Industrial Wastewater program permitting requirements only and does not authorize operation of this facility prior to obtaining any other permits required by local, state or federal agencies.

4. The permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater or sludge. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department in a written report within 7 days of the sinkhole discovery.

B. Specific Conditions Related to Construction

1. Prior to placing the 41 acre spray field, R-002, into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the permittee shall complete and submit to the *Department* DEP Form 62-620.910(12), Notification of Completion of Construction for Wastewater Facilities or Activities. *[62-620.410(7)]*

2. Record drawings shall be prepared and made available in accordance with Rule 62-620.410(6), F.A.C., and the Department of Environmental Protection Guide to Wastewater Permitting within six months of placing the facilities into operation.

C. Duty to Reapply

1 The permittee shall apply for renewal of this permit at least 180 days before the expiration date of the permit using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing

fee set forth in Rule 62-4.050, F.A.C. The existing permit shall not expire until the Department has taken final action on the application renewal in accordance with the provisions of 62-620.335(3) and (4), F.A.C.

D. Specific Conditions Related to Best Management Practices

1. **BMP Plan:**

For purposes of this part, the terms "pollutant" or "pollutants" refer to any substance listed as toxic under Section 307(a)(1) of the Clean Water Act (the "Act"), oil, as defined in Section 311(a)(1) of the Act, and any substance listed as hazardous under Section 311 of the Act. The permittee shall develop and implement a Best Management Practices (BMP) plan which prevents, or minimizes, the potential for the release of pollutants from ancillary activities, including material storage areas; plant site runoff; in-plant transfer, process and material handling areas; loading and unloading operations; and sludge and waste disposal areas, to the waters of the State through plant site runoff; spillage or leaks; sludge or waste disposal; or drainage from raw material storage.

2. **Implementation:**

The BMP plan shall be developed and implemented in accordance with the schedule contained in Part VI of this permit.

3. **General Requirements:**

The BMP plan shall:

a. Be documented in narrative form, and shall include any necessary plot plans, drawings or maps.

b. Establish specific objectives for the control of pollutants.

(1) Each facility component or system shall be examined for its potential for causing a release of significant amounts of pollutants to waters of the State due to equipment failure, improper operation, natural phenomena such as rain or snowfall, etc.

(2) Where experience indicates a reasonable potential for equipment failure (e.g., a tank overflow or leakage), natural conditions (e.g., precipitation), or other circumstances to result in significant amounts of pollutants reaching surface waters, the plan should include a prediction of the direction, rate of flow, and total quantity of pollutants which could be discharged from the facility as a result of each condition or circumstance.

c. Establish specific best management practices to meet the objectives identified under paragraph (b) of this subsection, addressing each component or system capable of causing a release of significant amounts of pollutants to the waters of the State, and identifying specific preventative or remedial measures to be implemented.

d. Be reviewed by plant engineering staff and plant manager.

4. **Documentation:**

The permittee shall maintain the BMP plan at the facility and shall make the plan available to the Department upon request.

5. **BMP Plan Modification:**

The permittee shall amend the BMP plan whenever there is a change in the facility or change in the operation of the facility which materially increases the potential for the ancillary activities to result in a discharge of significant amounts of pollutants.

6. **Modification for Ineffectiveness:**

If the BMP plan proves to be ineffective in achieving the general objective of preventing the release of significant amounts of pollutants to surface waters and the specific objectives and requirements under paragraphs (b) and (c) of item 3, the permit shall be subject to modification pursuant to rule 62-620.325, F.A.C., to incorporate revised BMP requirements.

E. Reopener Clause

1. The permit shall be revised, or alternatively, revoked and reissued in accordance with the provisions contained in Rules 62-620.325 and 62-620.345, F.A.C., if applicable, or to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2) and 307(a)(2) of the Clean Water Act (the Act), as amended, if the effluent standards, limitations, or water quality standards so issued or approved:

   a. Contains different conditions or is otherwise more stringent than any condition in the permit/or;

   b. Controls any pollutant not addressed in the permit.

   The permit as revised or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

2. The permit may be reopened to adjust effluent limitations or monitoring requirements should future Water Quality Based Effluent Limitation determinations, water quality studies, DEP approved changes in water quality standards, or other information show a need for a different limitation or monitoring requirement.

3. The Department may develop a Total Maximum Daily Load (TMDL) during the life of the permit. Once a TMDL has been established and adopted by rule, the Department shall revise this permit to incorporate the final findings of the TMDL.

VIII. General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, F.S. Any permit noncompliance constitutes a violation of Chapter 403, F.S., and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1), F.A.C.]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2), F.A.C.]*

3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringements of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3), F.A.C.]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4), F.A.C.]*

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5), F.A.C.]*

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6), F.A.C.]*

7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7), F.A.C.]*

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8), F.A.C.]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to
   a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
   b. Have access to and copy any records that shall be kept under the conditions of this permit;
   c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
   d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

   [62-620.610(9), F.A.C.]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10), F.A.C.]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11), F.A.C.]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12), F.A.C.]*

13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13), F.A.C.]*

14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the Department approves the transfer. *[62-620.610(14), F.A.C.]*

15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15), F.A.C.]*

16. The permittee shall apply for a revision to the Department permit in accordance with Rule 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16), F.A.C.]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
    a. A description of the anticipated noncompliance;
    b. The period of the anticipated noncompliance, including dates and times; and
    c. Steps being taken to prevent future occurrence of the noncompliance.
    [62-620.610(17), F.A.C.]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
    a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
    b. If the permittee monitors any contaminate more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
    c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
    d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
    e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
    f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220 and 62-160.330, F.A.C.
    [62-620.610(18), F.A.C.]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19), F.A.C.]*

20. The permittee shall report to the Department's Southwest District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
    a. The following shall be included as information which must be reported within 24 hours under this condition:
        (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
        (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
        (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
        (4) Any unauthorized discharge to surface or ground waters.
    b. Oral reports as required by this subsection shall be provided as follows:
        (1) For unauthorized releases or spills of untreated or treated wastewater reported pursuant to subparagraph a.(4) that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
            (a) Name, address, and telephone number of person reporting;
            (b) Name, address, and telephone number of permittee or responsible person for the discharge;
            (c) Date and time of the discharge and status of discharge (ongoing or ceased);
            (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
            (e) Estimated amount of the discharge;
            (f) Location or address of the discharge;
            (g) Source and cause of the discharge;
            (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
            (i) Description of area affected by the discharge, including name of water body affected, if any; and
            (j) Other persons or agencies contacted.
        (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.(1) above, shall be provided to Department's Southwest District Office within 24 hours from the time the permittee becomes aware of the circumstances.
    c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Southwest District Office shall waive the written report.

    [62-620.610(20), F.A.C.]

21. The permittee shall report all instances of noncompliance not reported under Conditions VIII.17., 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Condition VIII.20. of this permit. *[62-620.610(21), F.A.C.]*

22. Bypass Provisions.
    a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
        (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
        (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This

condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and

(3) The permittee submitted notices as required under Condition VIII.22.b. of this permit.

b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Condition VIII.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Condition VIII.22 a.(1) through (3) of this permit.

d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of Condition VIII.22.a. through c. of this permit.
[62-620.610(22), F.A.C.]

23. Upset Provisions

a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:

(1) An upset occurred and that the permittee can identify the cause(s) of the upset;

(2) The permitted facility was at the time being properly operated;

(3) The permittee submitted notice of the upset as required in Condition VIII.20. of this permit; and

(4) The permittee complied with any remedial measures required under Condition VIII.5. of this permit.

b. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.
[62-620.610(23), F.A.C.]

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Deborah A. Getzoff
District Director
Southwest District